



SUGHRUE MION ZINN MACPEAK & SEAS, PLLC

2100 Pennsylvania Avenue, NW
Washington, DC 20037-3213

T 202.293.7060
F 202.293.7860

www.sughrue.com

July 3, 2001

BOX PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Re: Application of Marcellin ESPEILLAC and Pierre CRESPI
PROCEDURE AND DEVICE FOR CRACKING OF HYDROCARBONS
USING TWO SUCCESSIVE REACTION CHAMBERS
Assignee: TOTAL RAFFINAGE DISTRIBUTION S.A.
Our Ref. Q65076

Dear Sir:

Attached hereto is the application identified above including thirty-five (35) sheets of the specification, including the claims and abstract, and four (4) sheets of formal drawings. **The requisite U.S. Government filing fee, the executed Declaration and Power of Attorney and Assignment will be submitted at a later date.** Also enclosed is an Information Disclosure Statement and PTO Form 1449 with references.

The Government filing fee is calculated as follows:

Total claims	28	-	20	=	8	x	\$18.00	=	\$144.00
Independent claims	2	-	3	=		x	\$80.00	=	\$0.00
Base Fee									\$710.00
TOTAL FEE									\$854.00

Priority is claimed from July 05, 2000 based on French Application No. 0008732. The priority document are enclosed herewith.

Respectfully submitted,
SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
Attorneys for Applicant

By:
Robert J. Seas, Jr.
Registration No. 21,092

RJS:rw1